

MATERIAL SAFETY DATA SHEET

Flammability	Physical Hazards
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name **Oven & Griddle Cleaner**

Manufacturer **Crown Chemical Products Inc.** Supplier's Name

Street Address **6125 Netherhart Road** Supplier's Address
Netherahrt Rd. Mississauga
Ontario L5T 1G5

Emergency Tel. **(905) 564-0904**

Chemical Name Chemical Family **Alkali**

Molecular Weight Material Use **Degreaser**

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U. N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
Sodium Hydroxide	10-30	1310-73-2	TLV-TWA 2mg/m ³	LD ₅₀ (Oral, Rabbit) 500mg/Kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State **Liquid** Odour and Appearance **Clear viscous, odourless**

Specific Gravity **1.2 @ 20C** Evaporation Rate **N/AV** Boiling Point (°C) **103**

Freezing Point (°C) **318.4** Solubility in Water (20°C) **Soluble** % Volatile (by volume) **N/AV**

pH **13.0** Density (g/ml) **1.2** Coefficient of Water/Oil Distribution **N/AV**

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability (# yes, under which conditions:) **No.**

Means of Extinction **N/AP**

Special Procedures **Because of the danger of splattering, wear full protective clothing.**

Flashpoint (°C) and Method **N/AP** UEL (% By Vol.) **N/AP** LEL (% By Vol.) **N/AP**

Auto Ignition Temp. (°C) **N/AP** TDG Flammability Classification **Not regulated.**

Hazardous Combustion Products

Explosion Data - Sensitivity to Chemical Impact **N/AP** Rate of Burning **N/AP**

Explosive Power **N/AP** Sensitivity to Static Discharge **N/AP**

SECTION V - REACTIVITY DATA

Chemical Stability **Yes.**

Incompatibility to Other Substances **Common metals and their alloys. Acids. Acid anhydrides. Oxidizable material.**

Reactivity and Under What Conditions? **Contact with metals may generate sufficient heat to ignite combustible materials.**

Hazardous Decomposition Products **None - remains chemically unchanged**

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SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route Of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects Of Acute Ingestion : Causes burns to the mouth, throat and stomach. May cause pain, nausea, vomiting
Exposure To Product and diarrhea. Skin Contact : Causes severe burns.

Effects Of Chronic Inhalation : Corrosive to respiratory passages. Eye contact : Causes severe eye irritation. will
Exposure To Product damage tissue. solutions are extremely corrosive.

Irritancy Of Product N/AV

Exposure Limits Of Product N/AV

Sensitization To Product N/AV

Synergistic Materials N/AV

Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity

No Known Systemic Effects

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves Rubber, vinyl or neoprene

Respiratory Filter or dust type.

Eye Goggles

Footwear Rubber boots.

Clothing

Other Rubber, vinyl or neoprene apron.

Engineering Controls Adequate ventilation (control vapour below TLV) should be provided.

Leak And Spill Procedure Large spills dyke for later disposal. Pump into steel or plastic container. Neutralize small
spills and wash away with water.

Waste Disposal Dispose in accordance with local, provincial, and federal by-laws.

Handling Procedures And Equipment

Storage Requirements Keep storage temperature above freezing point.

Special Shipping Information Sodium Hydroxide Solution Class 8 (9.2) UN 1824 PG II

SECTION VIII - FIRST AID MEASURES

Skin Remove contaminated clothing and flush with large quantities of water for at least 15 minutes. Alkaline burns
need immediate attention.

Eye Hold eyelids open and wash thoroughly with large quantities of clean water. Get medical attention immediately.

Inhalation Remove patient to fresh air, keep victim warm and rested. Persistent discomfort must be given medical
attention.

Ingestion Get medical attention immediately. Rinse mouth well with water and drink large quantities of water. Do not
induce vomiting.

General Advise

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments The information herein is given in good faith but no warranty, expressed or implied,
is made.

Sources Used

Prepared By: Crown Chemical Products Inc. Phone Number (905) 564-0904 Date January 19, 2012